

MATERIAL SAFETY DATA SHEET

Schneller, Inc.

I. Identification

Product Name: Schneller Aerfilm LHR

Chemical Name: Plastic Laminate

Common Name: Plastic Laminate

**Department of
Transportation**

**Hazard
Classification:** Not regulated

**Shipping
Name:** N/A

Chemical Family: Thermoplastic polymers

II. Physical Data

Softening Point: $> 200^{\circ}\text{F}$

Density: 1.3-1.5 g/cc

% Volatiles by Weight: $< 3\%$

Appearance: Rolls or Sheets

MATERIAL SAFETY DATA SHEET

III. Hazardous Ingredients

| Material | Hazard |
|--|---------------------|
| CYCLOHEXANONE - less than 2% CAS NO. 108-94-1 | ACGIH TLV 25 ppm |
| METHYL ETHYL KETONE - less than 2% CAS NO. 78-93-3 | ACGIH TLV 200 ppm |
| TOLUENE - less than 2% CAS NO. 108-88-3 | ACGIH TLV 100 ppm |
| GLYCOL ETHER - PM ACETATE - less than 2% CAS NO. 108-65-6 | TLV not established |

These solvents are present in residual amounts and may or may not be present. Under normal handling conditions, Aerfilm products are classified as articles and do not present any recognized health hazard.

IV. Fire & Explosion Hazard Data

Autoignition Temperature >400°F

Extinguishing Media Dry Chemical, Foam, Water Fog or Spray

Special Fire Fighting Procedures For significant fires, wear full protective equipment and NIOSH-approved Self Contained Breathing Apparatus/

Unusual Fire & Explosion Hazards When forced to burn, combustion products may contain carbon monoxide, carbon dioxide and halogen acid gases and smoke.

MATERIAL SAFETY DATA SHEET

V. Health Hazard Data

TLV and Source:

CYCLOHEXANONE - ACGIH 25 ppm

Effects of Single Overexposure:

| | |
|---------------------|----------------------------|
| 1) Swallowing: | Nausea, vomiting, diarrhea |
| 2) Skin Absorption: | N/A |
| 3) Inhalation: | Mild irritation |
| 4) Skin Contact: | Moderate irritation |
| 5) Eye Contact: | Irritation and redness |

Effects of Chronic Overexposure:

Prolonged or repeated skin contact can cause defatting and dermatitis. Excessive inhalation can cause nasal and respiratory irritation; however, it is highly unlikely that overexposure will occur at this level of volatiles.

Medical Conditions Aggravated by Overexposure:

Unknown

Emergency & First Aid Procedures:

| | |
|----------------|--|
| 1) Swallowing: | Do not induce vomiting; seek medical aid |
| 2) Skin: | Wash thoroughly with soap and water |
| 3) Inhalation: | Remove to fresh air |
| 4) Eyes: | Flush with water, see physician |

Notes to Physician:

MATERIAL SAFETY DATA SHEET

V. Health Hazard Data

TLV and Source:

GLYCOL ETHER PM ACETATE - TLV not determined

Effects of Single Overexposure:

| | |
|---------------------|----------------------------------|
| 1) Swallowing: | Nausea, vomiting, diarrhea |
| 2) Skin Absorption: | N/A |
| 3) Inhalation: | Nasal and respiratory irritation |
| 4) Skin Contact: | Moderate irritation |
| 5) Eye Contact: | Moderate irritation, redness |

Effects of Chronic Overexposure:

Not determined; however, it is highly unlikely that overexposure will occur at this volatiles level.

Medical Conditions Aggravated by Overexposure:

Unknown

Emergency & First Aid Procedures:

| | |
|----------------|--|
| 1) Swallowing: | Do not induce vomiting, seek medical aid |
| 2) Skin: | Wash thoroughly with soap and water |
| 3) Inhalation: | Remove to fresh air |
| 4) Eyes: | Flush thoroughly with water |

Notes to Physician:

MATERIAL SAFETY DATA SHEET

V. Health Hazard Data

TLV and Source:

METHYL ETHYL KETONE ACGIH 200 ppm

Effects of Single Overexposure:

| | |
|---------------------|----------------------------|
| 1) Swallowing: | Nausea, vomiting, diarrhea |
| 2) Skin Absorption: | N/A |
| 3) Inhalation: | Mild irritation |
| 4) Skin Contact: | Moderate irritation |
| 5) Eye Contact: | Irritation and redness |

Effects of Chronic Overexposure:

Prolonged or repeated skin contact can cause defatting and dermatitis. Excessive inhalation can cause nasal and respiratory irritation; however, it is highly unlikely that overexposure will occur at this level of volatiles.

Medical Conditions Aggravated by Overexposure:

Unknown

Emergency & First Aid Procedures:

| | |
|----------------|--|
| 1) Swallowing: | Do not induce vomiting; seek medical aid |
| 2) Skin: | Wash thoroughly with soap and water |
| 3) Inhalation: | Remove to fresh air |
| 4) Eyes: | Flush with water, see physician |

Notes to Physician:

MATERIAL SAFETY DATA SHEET

V. Health Hazard Data

TLV and Source:

TOLUENE ACGIH 100 ppm

Effects of Single Overexposure:

| | |
|---------------------|--------------------------------|
| 1) Swallowing: | Nausea, vomiting, diarrhea |
| 2) Skin Absorption: | N/A |
| 3) Inhalation: | Nasal & respiratory irritation |
| 4) Skin Contact: | Irritation |
| 5) Eye Contact: | Moderate irritation |

Effects of Chronic Overexposure:

Damage to liver, blood effects, damage to kidneys; however, it is highly unlikely that overexposure will occur at this level of volatiles.

Medical Conditions Aggravated by Overexposure:

Unknown

Emergency & First Aid Procedures:

| | |
|----------------|--|
| 1) Swallowing: | Do not induce vomiting; seek medical aid |
| 2) Skin: | Wash thoroughly with soap and water |
| 3) Inhalation: | Remove to fresh air |
| 4) Eyes: | Flush with water, see physician |

Notes to Physician:

MATERIAL SAFETY DATA SHEET

VI. Reactivity Data

| Stability | | Conditions to Avoid | Avoid temperature in excess of 400°F as thermal degradation will start to occur. |
|---|-------------------|--|--|
| Unstable | Stable | | |
| | X | | |
| Incompatibility (materials to avoid) | | None | |
| Hazardous Combustion or Decomposition Products | | Halogen acid gases, organic acids and esters Hydrocarbon fragments, cyanide compounds and smoke | |
| Hazardous Polymerization | | Conditions to Avoid | N/A |
| May Occur | Will Not Occur | | |
| | | | |

VII. Spill or Leak Procedures

| | |
|--|--|
| Steps to be taken if material is released or spilled | Caution: Will not occur |
| Waste Disposal Method | Bury in approved landfill site in accordance with applicable state and local regulations. |

MATERIAL SAFETY DATA SHEET

VIII. Special Protection Information

Respiratory Protection

None needed

Ventilation

Adequate ventilation must be provided to keep solvent vapor concentration within the TLV of 25 ppm prescribed by ACGIH

**Protective
Gloves**

Not needed

**Eye
Protection**

N/A

**Other Protective
Equipment**

IX. Special Precautions

Precautions to be taken in Handling and Storage

None

For Industry Use Only

Other Precautions

None

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